RECYCLING COMPACTOR MACHINES

HOW IT WORKS

1 WASTE COLLECTION

- Waste materials (cardboard, plastic, paper, metal) are collected
- Loaded into the compactor manually

2 LOADING INTO COMPACTOR

Waste is placed inside the compactor chamber

Safety doors or sensors ensure proper loading

3 COMPRESSION PROCESS

- A hydraulic ram/plate pushes down or forward
- Waste is compressed with high pressure

4 COMPACTION CYCLE REPEAT

- Machine continues compressing as more waste is added
- Waste becomes dense and tightly packed

5 STORAGE INSIDE UNIT

- Compressed waste is stored in a container or chamber
- Takes much less space compared to loose waste

6 FULL LOAD ALERT

- Sensor or indicator shows when compactor is full
- Operator is notified for removal

7 WASTE REMOVAL

- Container is detached or emptied
- Waste is transported for recycling or disposal

8 RECYCLING PROCESS

- Compacted waste is sent to recycling plants
- Easier handling, transport, and processing

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